CertainTeed Solar

US SERIES 72 CELL
SOLAR MODULES

Monocrystalline Type

CT355MXX-02
CT360MXX-02
CT365MXX-02

Features and Benefits

High Quality / High Power

- 360W Black Backsheet, 365W White Backsheet
- UL listed (UL 1703)
- Output power tolerance +3/-0%
- PID Free

Limited Warranty*

- 10-year product warranty
- 25-year linear power output warranty

*See CertainTeed’s limited warranty for details

See reverse for product specifications

Power Output Warranty

Graph showing linear performance guarantee from CertainTeed

MADE IN USA using foreign and domestic components
### Electrical Characteristics

<table>
<thead>
<tr>
<th></th>
<th>355W</th>
<th>360W</th>
<th>365W</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Output (Pmpp)</td>
<td>W</td>
<td>355</td>
<td>360</td>
</tr>
<tr>
<td>Voltage at Pmax (Vmpp)</td>
<td>V</td>
<td>38.6</td>
<td>38.6</td>
</tr>
<tr>
<td>Current at Pmax (Impp)</td>
<td>A</td>
<td>9.2</td>
<td>9.3</td>
</tr>
<tr>
<td>Open Circuit Voltage (Voc)</td>
<td>V</td>
<td>47.5</td>
<td>47.6</td>
</tr>
<tr>
<td>Short Circuit Current (Isc)</td>
<td>A</td>
<td>9.9</td>
<td>10.0</td>
</tr>
<tr>
<td>Output Tolerance (%)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. of Cells &amp; Connections</td>
<td></td>
<td>72 in series with 3 bypass diodes</td>
<td></td>
</tr>
<tr>
<td>Cell Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module Efficiency (%)</td>
<td></td>
<td>18.3</td>
<td>18.6</td>
</tr>
<tr>
<td>Temperature Coefficient of Pmpp</td>
<td>%/C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Voc</td>
<td>%/C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Coefficient of Isc</td>
<td>%/C</td>
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</tbody>
</table>

### Mechanical Characteristics

- **Laminate**: Glass: 3.2 high transmission, tempered, anti-reflective
- **Encapsulant**: EVA
- **Backsheet**: Weatherproof film (black/white)
- **Frame**: Anodized aluminum (Black)
- **Junction Box**: IP68, IEC certified, UL listed
- **Output Cables**: 4 mm² (12AWG) cables, Length 1.2m (47.2")
- **Connectors**: Polarized MC4 compatible
- **Weight**: 21.4 kg (47.2 lbs)

### Operating Conditions

- **Nominal Operating Cell Temperature**: 46° C + 2
- **Operating Temperature**: -40 to 85° C
- **Maximum System Voltage**: 1000v
- **Maximum Series Fuse Rating**: 20A
- **Fire Performance**: Type 2
- **Maximum Wind Load**: 30 lbs/ft²

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**Dimensions**

- **Mounting Holes x8**: Ø9mm
- **Grounding Holes x2**: Ø4mm
- **Junction Box**: 132mm x 245mm*
- **Distance between mounting holes**: 1176mm*
- **Grounding holes**: 920mm x 39.0mm*
- **Overall Dimensions**: 1956mm x 77.00"